

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A conductive roller comprising a cylindrical body composed of a conductive urethane composition comprising and a metal shaft disposed within the cylindrical body, wherein said conductive urethane composition comprises:

polyurethane obtained by a poly-addition reaction of a polyol and a polyisocyanate, and
an organic ionic-conductive agent other than chlorine or bromine-containing ammonium salts, and organometallic salts salt having fluoro groups and/or sulfonyl groups is contained as
said organic ionic-conductive agent, the organometallic salts being metal salts of bis(fluoroalkyl-sulfonyl)imide and/or metal salts of fluoroalkyl sulfonic acid as an organic ionic-conductive agent,

wherein a polyether polyol is used as said polyol; [[and]] an average value of a non-saturation degree of said polyether polyol is set to not more than 0.025 milliequivalents/g; and an amount of polyisocyanate used for 100 parts by weight of polyol is set so that an isocyanate index (molar ratio of NCO groups to OH groups) is 100 to 110.

2. (Currently Amended) The conductive urethane composition-roller according to claim 1, having wherein said conductive urethane composition has a compression set not more than 15% when said compression set is measured at 70°C for 24 hours in a permanent set testing methods method for rubber, vulcanized or thermoplastic, specified in JIS K6262; a volume resistivity less than $10^{9.0}$ ($\Omega \cdot \text{cm}$) when said volume resistivity is measured at an applied voltage

of 500V in a method specified in JIS K6911; and a hardness not more than 55 degrees when said hardness is measured in accordance with a durometer hardness test type A specified in JIS K-6253; and an amount of polyisocyanate used for 100 parts by weight of polyol is set so that an isocyanate index (molar ratio of NCO groups to OH groups) is 100 to 110.

3. (Currently Amended) The conductive ~~urethane composition~~ roller according to claim 1, wherein the organic ionic-conductive agent other than chlorine or bromine containing ammonium salts sets a volume resistivity of said conductive urethane composition to not more than $10^{8.0}$ ($\Omega \cdot \text{cm}$), and an amount of polyisocyanate used for 100 parts by weight of polyol is set so that an isocyanate index (molar ratio of NCO groups to OH groups) is 100 to 110.

4. (Canceled)

5. (Canceled)

6. (Currently Amended) The conductive ~~urethane composition~~ roller according to claim 4, wherein not less than 0.5 % of said organometallic salt is single-ionized.

7. (Currently Amended) The conductive ~~urethane composition~~ roller according to claim 1, wherein said polyether polyol contains ethylene oxide and/or propylene oxide at not less than 50 wt% of ethylene oxide and/or propylene oxide units present in the polyether polyol.

8. (Currently Amended) The conductive ~~urethane composition~~ roller according to claim 1, wherein said polyether polyol comprises not less than 50 wt% propylene oxide, based on the polyether polyol.

9. (Currently Amended) The conductive ~~urethane composition~~ roller according to claim 3, wherein not less than 0.01 parts by weight of said organic ionic-conductive agent nor more than 5.0 parts by weight thereof is used for 100 parts by weight of said polyol.

10. (Cancelled)

11. (Currently Amended) The conductive roller according to claim [[10]] 1, wherein a peripheral surface of said metal shaft is treated with plasma, and said peripheral surface of said metal shaft and an inner peripheral surface of said cylindrical body are bonded to each other.

12. (Currently Amended) The conductive roller, according to claim 10, that An electrophotographic apparatus comprising a photosensitive drum operatively connected to the conductive roller of claim 1, wherein the conductive roller is used as a charging roller for uniformly charging [[a]] the photosensitive drum of an electrophotographic apparatus.

13. (Original) The conductive roller, according to claim 10, that An electrophotographic apparatus comprising a photosensitive member operatively connected to the conductive roller of

claim 1, wherein the conductive roller is used as a developing roller for attaching toner to a photosensitive member of an electrophotographic apparatus.

14. (Currently Amended) ~~The conductive roller, according to claim 10, that An electrophotographic apparatus comprising a photosensitive member operatively connected to the conductive roller of claim 1, wherein the conductive roller~~ is used as a transfer roller for transferring a toner image from a photosensitive member of an electrophotographic apparatus to paper or to an intermediate transfer belt.

15. (Currently Amended) The conductive urethane composition roller according to claim 1, wherein the non-saturation degree of said polyether polyol is not more than 0.015 milliequivalents/g.

16. (Currently Amended) The conductive urethane composition roller according to claim 1, wherein the non-saturation degree of said polyether polyol is not more than 0.010 milliequivalents/g.

17. (Currently Amended) The conductive urethane composition according to claim 1, wherein the composition contains an ionic-conductive agent selected from the group consisting of which is LiN(SO₂CF₃)₂ and LiC(SO₂CF₃)₃.

18.-19. (Cancelled)